

CLAIMS

What is claimed is:

1. A method of producing dying pigment for yarns, including the steps as follows;

--a number of old bamboos grown for over 4 years being chosen and carbonized via burning at a high temperature into bamboo carbon of delicate in structure, high in relative density, numerous in porosity, and rich in minerals;

--the bamboo carbon carbonized at a high temperature being ground into bamboo carbon powder wherein each grain of the bamboo carbon powder thereof being equipped with a number of micro-pores which are strong in absorbing and dissolving capacities;

--the bamboo carbon powder in a percentage of 2.5% being evenly mixed with 97.5% of polyester grains and processed at a high temperature of 450°C into dying pigment base which, via the bamboo carbon powder of strong adhesive and dissolving capacities, is equipped with the functions of anti-bacteria, humid-adjustment, and deodorization to efficiently absorb and dissolve the odor of some harmful chemicals such as sulfide, nitride, methanol, benzene, or carbolic acid, etc; meanwhile, infrared suitable to the absorption of human body for accelerating blood circulation and improving inner environment of human body is produced, and beneficial negative ions are increased in the air to balance the humidity and achieve anti-bug design, efficiently advancing the quality and functions of the dying pigment base thereof; besides, the dying pigment base thereof is further applied and processed into yarns which are knitted into fabric of different kinds, greatly boosting its value in commercial use thereof.